PX-708A DVD±R/RW CD-R/RW

+8 -4 40 WRITE | +4 -2 24 REWRITE | 12 40 READ

{ INTERNAL E-IDE (ATAPI) DVD±R/RW CD-R/RW

8X DVD+R, 4X DVD-R, 4X DVD+RW, 2X DVD-RW, 12X DVD-ROM 40X CD-R, 24X CD-RW and 40X CD-ROM

DVD R/RW

PoweRec™

E-IDE (ATAPI)

FEATURES }

- **8-in-1 combo drive: 8X DVD+R, 4X DVD-R, 4X DVD+RW, 2X DVD-RW, 12X DVD-ROM, 40X CD-R, 24X CD-RW and 40X CD-ROM**
- **Lossless linking technology enables users to perform basic editing tasks directly on the DVD disc**
- **Buffer Underrun Proof technology prevents buffer underrun errors**
- **PoweRec technology is a sophisticated write strategy providing superior quality recording at maximum speed for your chosen media**
- **Supports DVD+RW background format**
- **Supports DVD+VR format**
- **Horizontal or vertical mounting orientation**
- **Black disc tray minimizes jitter**
- **Windows® 98SE/Me/2000/XP™**
- **One-year full warranty (parts and labor)**
- **Unlimited toll-free tech support**

The first DVD±R/RW CD-R/RW 8-in-1 internal E-IDE (ATAPI) drive from Plextor® offers all the advantages of our legendary CD-RW drives along with dual format capabilities.

For years, Plextor has been the most trusted name in CD drives for professional use. Now, you too can choose from our award-winning drives which offer exceptional performance, best quality recording at the fastest speeds, reliability and ease of use.

Versatility of 2 DVD formats and 8 drives in one

The Plextor PX-708A delivers the fastest performance in dual formats: 8X DVD+R write, 4X DVD-R write, 4X DVD+RW rewrite, 2X DVD-RW rewrite, and 12X DVD-ROM read. In addition to recording, rewriting and reading DVD discs in dual formats, the PX-708A supports 40X CD-R write, 24X CD-RW rewrite and 40X CD-ROM read speeds. All in one drive. Create a 4.7 GB disc on DVD media in about 8 minutes.

Get the best of both worlds

With dual formats in one single drive, you won't have to worry about compatibility with either format. Take advantage of both formats in this high performance drive and start burning DVDs or CDs to share with friends and family. The Plextor PX-708A is the only DVD burner you need that can write both plus and minus formats.

Performance you can rely on

The PX-708A has a unique technology and feature combination that offers unparalleled reliability.

Lossless linking technology enables users to perform basic editing tasks directly on the DVD disc. There is no need to reload DVD content back to a PC to make minor changes, and no need to re-burn an entire DVD after making small edits.

Buffer Underrun Proof technology prevents buffer underrun errors which allows you to multi-task during a recording session.

PoweRec™ (Plextor Optimized Writing Error Reduction Control) technology is a sophisticated write strategy providing superior quality recording at maximum speed for your chosen media.

Black disc tray minimizes jitter and reduces C1 error rates. Optimized PCB circuits near the power supply decrease noise and provide clean power to the drive, improving both jitter and deviation levels.

Easy to install

With an E-IDE (ATAPI) interface and plug and play compatibility, the PX-708A is a snap to install and use. The PX-708A can be installed horizontally or vertically.

For all your applications

You won't find a better DVD recordable drive to create, edit and share customized DVDs and CDs with friends and family using video, photo, audio and data. Capture, archive, organize and personalize your home movies and photos on DVD, VCD, mini DVD and SVCD. Create photo slide shows, complete with transitions and music. Burn your photos to Video CD to play on most DVD players. You can also back up and archive 4.7 GB on a single-sided recordable DVD disc or create photo albums for viewing with DVD players and much more.

Powerful software that works for you

Roxio® Easy CD & DVD Creator™ 6 and PhotoSuite® 5 SE Easy CD & DVD Creator 6 combines the power of Easy CD Creator Basic and DVD Builder, an easy to learn DVD authoring package, into one complete solution. The flash tutorial will also provide quick and easy steps in creating an audio CD, data disc or digital video. PhotoSuite makes it simple with a combination of automated tasks, professional-level editing tools, creative projects and CD burning fully integrated into one program.

Roxio Drag-to-Disc Drag and drop files to CD and DVD media, just like with a hard drive or floppy.

Roxio DVDMax Player is an advanced software DVD player that enables anyone to enjoy video and audio playback entertainment on the PC. DVDMax Player delivers full support for all DVD/CD formats, a wide variety of video and audio formats, and can be utilized on virtually any media storage device.

Dantz Retrospect® (30-day trial version) Backup and restore solution designed for safety and security, Retrospect protects against loss due to viruses, newly installed software, user error and damaged hardware.

Backed by premier support

Plextor offers both a one-year full warranty on parts and labor and unlimited toll-free technical support to help you get the most out of your investment.

A winning combo

With all these advantages, is it any wonder Plextor has been the preferred choice of professionals, including top recording artists, IT specialists and technology consultants? You can rely on Plextor's PX-708A for your work and play.

PLEXTOR®

PlexWriter Premium

PlexWriter Premium

PX-504A

PX-708A

DVD±R/RW
CD-R/RW

+8 -4 40 WRITE | +4 -2 24 REWRITE | 12 40 READ

Performance

Data Transfer Rate	Z-CLV and CLV write/CAV read and CLV read	
Sustained Read/Write Speeds	8X (DVD+R only)	8.1-10.8 MB/sec
	4X (DVD+/-R,+RW only)	5.4 MB/sec
	2.4X (DVD+R/RW only)	3.24 MB/sec
	2X (DVD-R/RW only)	2.7 MB/sec
	5X-12X (DVD read only)	6.75-16.2 MB/sec
	3X-8X (DVD read only)	4.05-10.8 MB/sec
	2X-5X (DVD read only)	2.8-6.75 MB/sec (Playing DVD-Video)
	2X (DVD read only)	2.7 MB/sec
	40X (CD write only)	3-6 MB/sec
	32X (CD write only)	3-4.8 MB/sec
	24X (CD rewrite only)	3-3.6 MB/sec
	17X-40X (CD read only)	2.71-6.0 MB/sec (Mode 1, Mode 2 Form 1 and CD-R)
	16X (CD write only)	2.4 MB/sec (CD-R)
	14X-32X (CD read only)	2.17-4.8 MB/sec (Mode 1, Mode 2 Form 1, CD-DA and CD-R)
	10X (CD read only)	1.5 MB/sec (Mode 1, Mode 2 Form 1, CD-DA and CD-R)
	10X (CD rewrite only)	1.5 MB/sec
	8X (CD read/write)	1.2 MB/sec (Mode 2 Form 2 read only)
	4X (CD write/rewrite/read)	600 KB/sec
Burst Read/Write	33 MB/sec (Ultra DMA Mode 2)	
	16.6 MB/sec (PIO Mode 4/DMA Mode 2)	
Typical CD Random Access	<100 ms	Typical DVD Random Access <150 ms
Buffer	2 MB	Error Rate Mode 1: block/10^{12} bits, Mode 2: block/10^{9} bits

Reliability

MTBF	60,000 POH	Tray Load/Unload	50,000 times (In and Out)

Recommended Media

(All DVD-RW and CD-RW media is rewritable up to 1,000 times)

DVD+R (4.7 GB)	8X, 4X, 2.4X	Verbatim/Mitsubishi Chemical, Taiyo Yuden, Ricoh
DVD+RW	4X, 2.4X	Verbatim/Mitsubishi Chemical, Ricoh
DVD-R	1X-4X	Verbatim/Mitsubishi Chemical, Taiyo Yuden, Maxell, TDK
DVD-RW	1X-2X	Verbatim/Mitsubishi Chemical, TDK, Victor
CD-R (74 min or 80 min)	40X	Verbatim/Mitsubishi Chemical, Taiyo Yuden, Maxell
CD-R	4-32X	Verbatim/Mitsubishi Chemical, Taiyo Yuden, Mitsui Chemicals, Ricoh, Maxell
CD-RW (74 min)	24X	Verbatim/Mitsubishi Chemical
CD-RW	4X-10X	Verbatim/Mitsubishi Chemical, Ricoh

Disc

Useable DVD Formats	DVD-ROM, DVD Video, Multi Border (closed disc read only), Multi-session, DVD+VR, DVD-VR (Read only)
Useable CD Formats	CD-DA, CD-Extra, CD-ROM Mode 1, CD-ROM Mode 2, CD-ROM XA, Photo CD, Video CD, CD-I, Multi-session, CD-Text, UDF, CD+G
Disc Diameter	12 cm (74, 79 minutes)
Recording CD Modes	Track-at-once, Disc-at-once, Session-at-once, Multi-session, Fixed and Variable Packet Writing, CD-MRW (Mt. Rainier)
Recording DVD+R/RW Modes	Sequential write, Random access write, Multi-session and DVD+MRW (Mt. Rainier)
Recording DVD-R/RW Modes	Disc-at-once, Incremental recording, Multi-border recording, Restricted overwriting

Front Panel

Eject	Auto Eject/Manual Emergency/Software Control	Headphone Jack	Stereo Mini-jack, 0.8 V at 32 Ohms
Lights	Power on/Disc Access/Writing/Disc Type/Reading	Volume Control	Wheel Knob
Disc Loading	Auto load/Manual load		

Rear Panel

Power Supply	DC +5 V and DC +12 V	Jumper Switches	Master; Slave; Cable Select
Interface Connector	IDE host adapter and 40-pin Flat E-IDE cable	SPDIF	Digital Audio Out
Audio Output	Analog output, Molex connector		

Minimum System Requirements

CPU	Pentium® III 700 MHz or equivalent (minimum), Pentium® IV 1.6 GHz or equivalent (suggested)		
HDD	800 MB - 1 GB free space for copying CD to CD image		
	6 GB free space for DVD authoring	RAM	128 MB
Monitor Display Resoution	1024 X 768 at 16-bit color	OS Support	Windows® 98SE/Me/2000/XP™

Dimensions & Weight

Dimensions (W/H/D)	5.75 in x 1.63 in x 7.48 in (without front panel)	Weight	2.65 lbs

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